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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-1412/64
September 1964

MISSION COVERAGE INDEX

MISSIONS [REDACTED] 2131, 3062 31 AUGUST 1964

MISSIONS [REDACTED] 2140, 2141 1 SEPTEMBER 1964

MISSIONS [REDACTED] 1129, 1137XB 2 SEPTEMBER 1964



25X1A

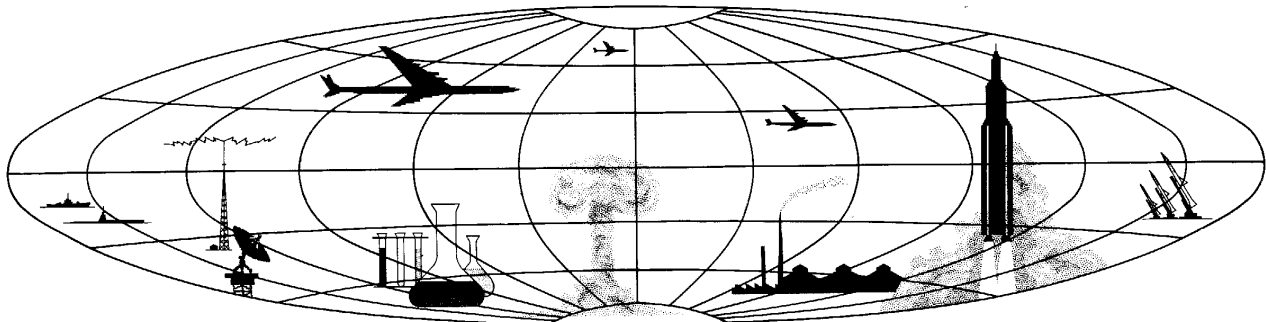
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

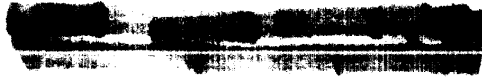


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GROUP 1
Excluded from automatic
downgrading and declassification

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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NPIC/R-1412/64

PREFACE

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THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF [REDACTED] MISSIONS 3062, 2131 DATED 31 AUGUST 1964, 2140, 2141 DATED 1 SEPTEMBER 1964, AND 1129, 1137XB DATED 2 SEPTEMBER 1964 COVERING LAOS AND SOUTH VIETNAM. ITEMS ARE ARRANGED IN THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC

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COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000 AND L004, 1/50,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>MILITARY INSTALLATIONS</p> <p>BAN PA KON, DEFENSE POSITIONS TEN AREAS IN BAN PA KON VICINITY.</p> <p>AREAS 1 THROUGH 8 -- NO APPARENT CHANGE SINCE [REDACTED]</p> <p>AREAS 9 AND 10 -- NOT OBSERVED. [REDACTED]</p> <p>KHANG KHAI AREA, STRONGPOINTS FOUR STRONGPOINTS WEST AND NW OF KHANG KHAI (REFERENCED FROM KHANG KHAI).</p> <p>STRONGPOINT A (2.1 NM NW AT UTM [REDACTED]) -- 4 SMALL STRONGPOINTS WITHIN 0.4 NM AREA CONTAIN TRENCHES AND FIRING BAYS. ONE HAS BEEN HIT BY TWO BOMBS AND IS TOTALLY DEMOLISHED.</p> <p>STRONGPOINT B -- NOT OBSERVED.</p> <p>STRONGPOINT C -- NO APPARENT CHANGE SINCE [REDACTED]</p> <p>STRONGPOINT D -- (2 NM WEST AT UTM [REDACTED]) -- TRENCHWORK AND 3 POSSIBLE AW POSITIONS. [REDACTED]</p>	<p>1924N 10310E</p> <p>1928N 10314E</p> <p>25X1D</p>	<p>0617</p> <p>0617</p>	<p>479-F</p> <p>309-B</p>	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
KHANG KHAI AREA, AAA/FA SITES THIRTEEN SITES IN KHANG KHAI VICINITY. AREAS A, C, D AND E -- NOT OBSERVED. AREAS B, F, G, H, I, J, K, L, AND M -- NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	1929N 10315E	0617		309-E
BAN PHUEN LUONG AREA, AAA SITES & STRONGPOINTS TEN AREAS IN BAN PHUEN LUONG VICINITY (REFERENCED FROM BAN PHUEN LUONG). AREAS A AND B -- NOT COVERED. AREA E -- NO APPARENT CHANGE SINCE [REDACTED] AREA C, D, F, G, H -- IDENTIFICATION ONLY. AREA I (1.6 NM ENE AT UTM [REDACTED] -- CIRCULAR TRENCH SYSTEM WITH NUMEROUS FIRING BAYS BISECTED BY UNNUMBERED ROAD. AREA J (1.7 NM ESE AT UTM [REDACTED] -- 4-GUN UNOCCUPIED AAA SITES. [REDACTED]	1930N 10305E	0617		427-L
BAN NONG AREA, DEFENSE POSITIONS FOUR POSITIONS WITHIN 1.5 NM SW OF BAN NONG.	1931N 10311E	0617		121-K

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D POSITION A (UTM [REDACTED]) -- 4-GUN UNOCCUPIED FA POSITION. POSITION B (UTM [REDACTED]) -- 4-GUN UNOCCUPIED FA POSITION. POSITION C (UTM [REDACTED]) -- 3-GUN UNOCCUPIED FA POSITION. POSITION D (UTM [REDACTED]) -- 4-GUN UNOCCUPIED FA POSITION. [REDACTED]				
BAN NA KHAI AREA, DEFENSE POSITIONS THREE POSITIONS IN BAN NA KHAI VICINITY. POSITIONS A & B -- NOT OBSERVED. 25X1D POSITION C (1.2 NM SE OF BAN NA KHAI AT [REDACTED]) -- 3 STRONGPOINTS ALONG THE CREST OF PHOU KHOUT, EACH CONTAINING A TRENCH SYSTEM WITH NUMEROUS FIRING BAYS. (SEE ATTACHMENT 1) 25X1D [REDACTED]	1933N 10302E	0617		426-D
BAN POUNG NOI AREA, AAA SITES & STRONGPOINTS FIVE STRONGPOINTS IN VICINITY OF BAN POUNG NOI (REFERENCED FROM BAN POUNG NOI).	1933N 10305E	0617		426-F

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	25X1D AREA A (0.9 NM SE AT UTM [REDACTED]) -- NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]				
25X1D	25X1D AREA B -- NOT COVERED.				
25X1D	25X1D AREA C (ONE NM EAST AT UTM [REDACTED]) -- 4-GUN UNOCCUPIED AAA SITE.				
25X1D	25X1D AREA D (0.8 NM NE AT UTM [REDACTED]) -- 4-GUN OCCUPIED PROBABLE 37 MM AAA SITE.				
25X1D	25X1D AREA E (1.1 NM SE AT UTM [REDACTED]) -- 4-GUN UNOCCUPIED AAA SITE. [REDACTED]				
25X1D	25X1D BAN HOUAT AREA, STRONGPOINT 1.2 NM EAST OF BAN HOUAT AT UTM [REDACTED] SMALL, APPARENTLY OCCUPIED STRONGPOINT CONTAINS TRENCH SYSTEM AND 3 SMALL HUTS. [REDACTED]	1933N 10310E	0617		121-N
25X1D	25X1D BAN SONG HAC AREA, STRONGPOINTS WITHIN 0.5 NM OF BAN SONG HAC. FOUR SMALL STRONGPOINTS AND NUMEROUS FOXHOLES, OCCUPANCY UNDETERMINED, AT UTMS [REDACTED] [REDACTED]	1938N 10305E	0617		426-J

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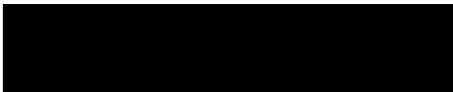



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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>STORAGE</p> <p>BAN SAO, ARMOR STORAGE AND MAINTENANCE AREA FOUR MILITARY AREAS IN BAN SAO VICINITY.</p> <p>AREA A -- NOT OBSERVED.</p> <p>AREAS B, C, AND D -- NO APPARENT CHANGE SINCE MISSION [REDACTED] EXCEPT 8 TRUCKS ARE PARKED IN AREA D.</p> <p>[REDACTED]</p> <p>MISCELLANEOUS</p> <p>PROBABLE INSURGENT ACTIVITY</p> <p>JUST WEST OF LAOS/SOUTH VIETNAM BORDER AT 16-01N 107-26E. TWO AREAS OF AGRICULTURAL ACTIVITY WITH NO ASSOCIATED BUILDINGS OBSERVED. THIS SIGNATURE INDICATES AGRICULTURE PROBABLY ASSOCIATED WITH INSURGENT ACTIVITIES. (SEE ATTACHMENTS 2 AND 3)</p> <p>[REDACTED]</p> <p>ROUTE 4</p> <p>SINGLE LANE, NATURAL SURFACE, LIMITED ALL WEATHER ROAD WITH NUMEROUS WATER FILLED POTHoles OBSERVED FROM 19-25N 103-12E TO 19-23N 103-14E.</p>	1927N 10307E	0617		427-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D 				
ROUTE 7 SINGLE LANE, LIMITED ALL WEATHER ROAD WITH NUMEROUS RUTS AND WATER FILLED POTHLES OBSERVED FROM 19-36N 103-19E TO 19-36N 103-36E AND FROM 19-32N 103-05E TO 19-30N 103-15E. BRIDGES AT UTM  ARE OUT BUT THERE IS EVIDENCE OF FORDING.				
				
ROUTE 9 ALL-WEATHER, NATURAL SURFACE ROAD IN FAIR CONDITION OBSERVED INTERMITTENTLY FROM 16-37N 106-36E TO 16-32N 106-02E. NO VEHICLES OBSERVED. POOR IMAGE QUALITY LIMITS INTERPRETATION. 				
25X1D				

SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO AP-
PARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION.
THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE
MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST
ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS
NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE
DETERMINED ARE LISTED UNDER THIS SECTION.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	<p>717-LAOS-01</p> <p>AIR INSTALLATIONS</p>				
25X1D	BAN NGOUA AREA, LANDING STRIP	1920N 10308E	0617		479-A
25X1D	BAN THEUONG AIRFIELD	1923N 10311E	0617		479
25X1D	BAN THEUONG, STRONGPOINT	1923N 10312E	0617		434-E
25X1D	BAN THANG AREA, LANDING STRIP (2)	1925N 10304E	0617		427-C
25X1D	BAN SAO, LANDING STRIP	1927N 10307E	0617		427-D
25X1D	XIENG KHOUANG AIRFIELD	1927N 10308E	0617	25X1A	130-A
25X1D	BAN NA KHAI AIRFIELD	1935N 10302E	0617		426-C
25X1D	BAN SEN AREA, AIRFIELD	1937N 10305E	0617		426-A

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	25X1D [REDACTED]			25X1A [REDACTED]	
25X1D	BAN SONG HAC AIRFIELD [REDACTED]	1938N 10306E	0617	[REDACTED]	426
25X1D	BAN BAN AIRFIELD [REDACTED]	1938N 10333E	0617	[REDACTED]	159-A
25X1A	MILITARY INSTALLATIONS MUONG PHINE, MILITARY AREA	1632N 10602E	0617		192
25X1D	COMOR TARGET NO [REDACTED] [REDACTED]	1642N 10613E	0617		124-C
25X1A	TCHEPONE AREA, MILITARY AREAS COMOR TARGET NO [REDACTED] [REDACTED]	1725N 10511E	0617		368
25X1D	MAHAXAY AREA, MILITARY AREA COMOR TARGET NO [REDACTED] [REDACTED]	1923N 10310E	0617		479-H
25X1D	BAN THEUONG AREA, AAA SITE [REDACTED]	1923N 10311E	0617		479-M
25X1D	BAN THEUONG AREA, STRONGPOINTS [REDACTED]	1924N 10301E	0617		427-I
25X1D	BAN THANG AREA, STRONGPOINTS [REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	25X1D [REDACTED]				
25X1D	BAN NON HON AREA, MILITARY AREAS [REDACTED]	1926N 10305E	0617		427-G
25X1D	XIENG KHOUANG AIRFIELD AREA, STRONGPOINTS [REDACTED]	1926N 10309E	0617		130-T
25X1D	MUONG KAT AREA, STRONGPOINTS [REDACTED]	1927N 10314E	0617		121-B
25X1D	BAN NA BOUA AREA, AAA/FA SITES [REDACTED]	1928N 10308E	0617		427-N
25X1D	BAN NA LINH AREA, STRONGPOINTS [REDACTED]	1928N 10309E	0617		427-J
25X1D	BAN KNAT AREA, STRONGPOINT [REDACTED]	1936N 10306E	0617		495
25X1A	BAN BAN ARMY BARRACKS COMOR TARGET NO [REDACTED]	1938N 10333E	0617	25X1A [REDACTED]	159
25X1D	[REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-SOUTH VIETNAM-</p> <p>AIR INSTALLATIONS</p> <p>LAO BAO AIRFIELD</p> <p>[REDACTED]</p> <p>25X1D</p>	<p>1636N 10635E</p>	<p>0617</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>272-A</p>

SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	-LAOS-				
	MILITARY INSTALLATIONS				
25X1D	BAN THAY AAA SITE [REDACTED]	1634N 10604E	0617		192-E
25X1D	BAN PHO AREA, BORDER STRONGPOINT [REDACTED]	1637N 10636E	0617		272-C
25X1D	BAN THAY, MILITARY AREA [REDACTED]	1653N 10604E	0617		192-A
25X1D	BAN BOUNG BAU AREA, MILITARY AREAS [REDACTED]	1734N 10514E	0617		369
25X1D	BAN NA LUC AREA, STRONGPOINT [REDACTED]	1922N 10309E	0617		479-C
25X1D	BAN TON AREA, SP GUN EMPLACEMENTS [REDACTED]	1924N 10309E	0617		479-D
25X1D	BAN THEUONG, AW SITES [REDACTED]	1924N 10311E	0617		434-G
25X1D	BAN NONG AREA, STRONGPOINT [REDACTED]	1932N 10312E	0617		121-L
25X1D	BAN TANG AREA, STRONGPOINT [REDACTED]	1937N 10310E	0617		426-G

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Target Numbers

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
STORAGE				
BAN SONG HAC, ARMOR STOR & MAINT AREA	1937N 10306E	0617		426-B
[REDACTED]				
-SOUTH VIETNAM-				
MILITARY INSTALLATIONS				
LAO BAO AREA, MILITARY CAMP	1637N 10636E	0617		272
[REDACTED]				

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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